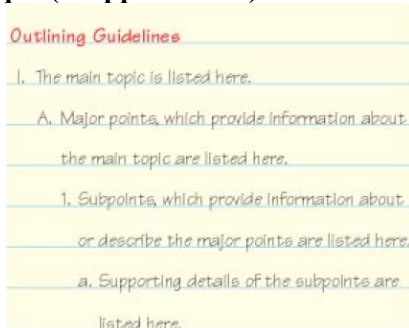



Agenda for Week of: March 18, 2013

Character Theme: Cooperation

<u>Guiding questions:</u> 1) What IS electricity? 2) How do we make electricity? 3) Will we ever run out of electricity?		Outline example (see pp. 814-815): 	
Date	Objectives	Vocabulary	Homework
Mon, 3/18	Explain how static electricity is made. <i>Review:</i> Turbine, Generator	<u>New:</u> 1) Conductor 2) Insulator 3) Electric force	<u>PHET Simulations:</u> http://phet.colorado.edu/en/simulation/balloons
Tue, 3/19	LAB: Build circuits!	4) Series circuit 5) Parallel circuit 6) Battery	http://phet.colorado.edu/en/simulation/generator 1) Read & outline Chapter 16.1 (Due Tuesday)
Wed, 3/20	Apply new terms to electricity. Calculate current & voltage	7) Current (I) 8) Voltage (V) 9) Resistance (R)	2) Read & outline Chapter 16.2 (Due Wednesday)
Thurs, 3/21	Calculate resistance & review Electricity Test! (Pd 7 only)		3) Read & outline Chapter 16.3 (Due Thursday)
Fri, 3/22	Electricity Test! (Pds 4 & 5) Enrichment lab (Pd 7 only)	 Enjoy a relaxing holiday with your family!	4) Complete the "Mixed practice" (see worksheet, Due _____) 5) Completed outline (include definitions for vocabulary words #1-9 (Due _____))

REMINDERS

- 1) Vocabulary lists: Please define each word or phrase you see in the "Vocabulary" column above. Please underline the word and write it's definition. ***Under each definition, use the vocabulary word either in a meaningful sentence or an informative illustration.***
- 2) Textbook: Look for "Science Spectrum" under "High School Textbooks" in SchoolNet (log in using your school ID# as your ID and the password... ask if you need your password reset!)
- 3) Remember to bring your calculator to class every day! (Cell phones may *not* be used)
- 4) Homework counts for 15% of your grade and SHOULD HELP your grade!
- 5) Have questions? Stay for **tutoring** on Mondays and Thursdays in Room 324 from 2:45 – 3:30.
- 6) Contact me: kpjohnson@philasd.org **Neat video:**
<http://www.youtube.com/watch?v=hCxmnlERbXc>

Hard work → Success!